

Properties of Matter

**5-4 The student will demonstrate an understanding of properties of matter.
(Physical Science)**

5-4.1 Recall that matter is made up of particles too small to be seen.

Taxonomy level: 1.2-B Remember Conceptual Knowledge

Previous/Future knowledge: Students have not been introduced to the concept of matter being made up of particles too small to be seen in previous grades. Students will further develop this concept in 7th grade (7-5.1) when they identify these particles as atoms.

It is essential for students to know that matter is anything that has mass and takes up space (has volume) and that all matter is made up of very small particles too small to be seen. Even though these particles are very small, they cause matter to have its basic properties.

It is not essential for students to know the name of these particles; there is no study of atoms at this time.

Assessment Guidelines:

The objective of this indicator is to recall that matter is made up of particles too small to be seen; therefore, the primary focus of assessment should be to remember this information from memory. However, appropriate assessments should also require students to identify matter as being made up of very small particles; or recall that matter has mass and takes up space.